

Fig. 2

DATA CLASSIFICATION INFORMATION

RECORDING AREA	DATA CLASSIFICATION
AID1	VIDEO DATA
AID2	AUDIO DATA
AID3	STILL IMAGE DATA

DELETION FILE SELECTING CRITERIA INFORMATION

RECORDING AREA	DELETION FILE SELECTING CRITERIA
AID1	NUMBER OF VIEWING AND RECORDING TIME
AID2	RECORDING TIME
AID3	PROHIBITION

Fig. 3

FREE AREA MANAGEMENT INFORMATION

RECORDING AREA	RECORDING CAPACITY	RECORDED CAPACITY	FREE CAPACITY
AID1	80GB	0GB	80GB
AID2	10GB	0GB	10GB
AID3	10GB	0GB	10GB

4/21

Fig. 4

## FREE AREA MANAGEMENT INFORMATION

RECORDING AREA	RECORDING CAPACITY	RECORDED CAPACITY	FREE CAPACITY
AID1	80GB	0GB	80GB
AID2	10GB	0GB	10GB
AID3	10GB	1MB	10GB

## RECORDING FILE MANAGEMENT INFORMATION

RECORDING AREA = AID3 (STILL IMAGE DATA)				
FILE	RECORDING AREA INFORMATION	RECORDING START TIME	FILE SIZE	NUMBER OF VIEWING
FID1	L1	2000/01/02 17:00	1MB	0

Fig. 5

FREE AREA MANAGEMENT INFORMATION (CHART)

RECORDING AREA	RECORDING CAPACITY	RECORDED CAPACITY	FREE CAPACITY
AID1	80GB	60GB	20GB
AID2	10GB	10GB	0GB
AID3	10GB	5GB	5GB

FREE AREA MANAGEMENT INFORMATION (DIAGRAM)

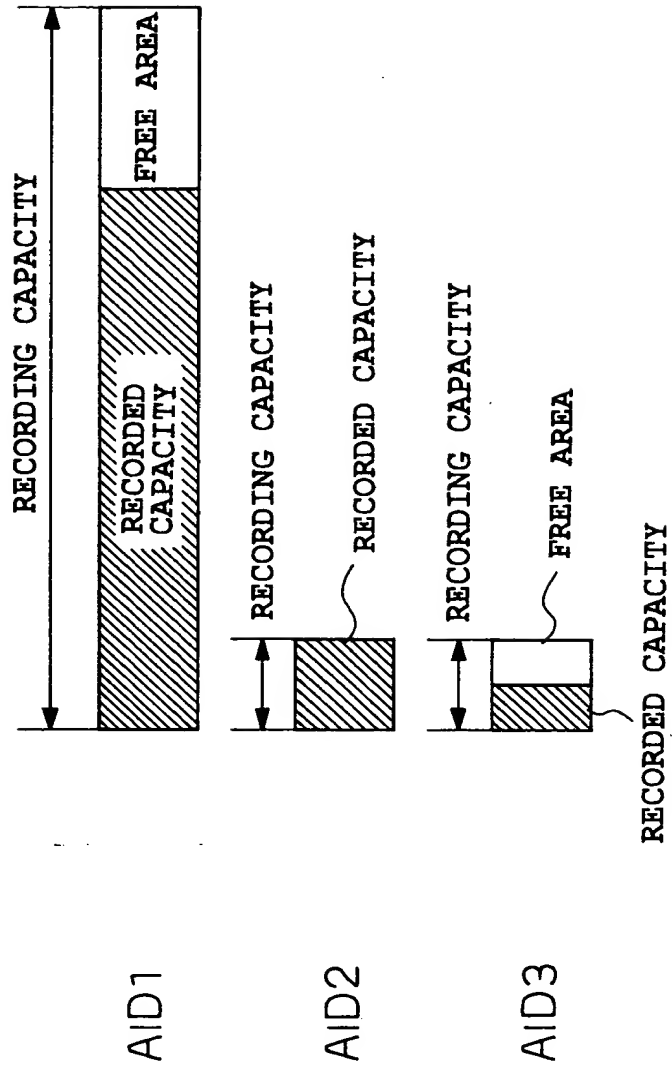


Fig. 6

## RECORDING FILE MANAGEMENT INFORMATION

RECORDING AREA = AID1 (VIDEO DATA)				
FILE	RECORDING AREA INFORMATION	RECORDING START TIME	FILE SIZE	NUMBER OF VIEWING
FID5	L5	2000/10/02 17:00	10GB	0
FID8	L8	2001/05/03 13:00	20GB	1
FID9	L9	2002/06/03 21:00	30GB	0

DELETE  
CANDIDATE

RECORDING AREA = AID2 (AUDIO DATA)				
FILE	RECORDING AREA INFORMATION	RECORDING START TIME	FILE SIZE	NUMBER OF VIEWING
FID4	L4	2000/10/02 12:00	5MB	1
FID6	L6	2000/10/03 12:00	4MB	1
FID7	L7	2000/10/06 12:00	6MB	0
----	----	----	----	----
FID999	L999	2003/11/06 12:00	6MB	0

RECORDING AREA = AID3 (STILL IMAGE DATA)				
FILE	RECORDING AREA INFORMATION	RECORDING START TIME	FILE SIZE	NUMBER OF VIEWING
FID1	L1	2000/01/02 17:00	1MB	3
FID2	L2	2000/05/03 13:00	0.5MB	2
FID3	L3	2000/06/03 21:00	1MB	0
----	----	----	----	----
FID998	L998	2003/10/06 12:00	6MB	0

Fig. 7

FIG. 7

FREE AREA MANAGEMENT INFORMATION

RECORDING AREA	RECORDING CAPACITY	RECORDED CAPACITY	FREE CAPACITY
AID1	80GB	70GB	10GB
AID2	10GB	10GB	0GB
AID3	10GB	5GB	5GB

Fig. 8

RECORDING FILE MANAGEMENT INFORMATION

RECORDING AREA = AID1 (VIDEO DATA)				
FILE	RECORDING AREA INFORMATION	RECORDING START TIME	FILE SIZE	NUMBER OF VIEWING
FID5	L5	2000/10/02 17:00	10GB	0
FID9	L9	2002/06/03 21:00	30GB	0
FID1000	L1000	2003/11/07 12:00	30GB	0

RECORDING AREA = AID2 (AUDIO DATA)				
FILE	RECORDING AREA INFORMATION	RECORDING START TIME	FILE SIZE	NUMBER OF VIEWING
FID4	L4	2000/10/02 12:00	5MB	1
FID6	L6	2000/10/03 12:00	4MB	1
FID7	L7	2000/10/06 12:00	6MB	0
----	----	----	----	----
FID999	L999	2003/11/06 12:00	6MB	0

DELETE  
 ↓  
 CANDIDATE  
 ↓  
 SECOND DELETE  
 CANDIDATE

RECORDING AREA = AID3 (STILL IMAGE DATA)				
FILE	RECORDING AREA INFORMATION	RECORDING START TIME	FILE SIZE	NUMBER OF VIEWING
FID1	L1	2000/01/02 17:00	1MB	3
FID2	L2	2000/05/03 13:00	0.5MB	2
FID3	L3	2000/06/03 21:00	1MB	0
----	----	----	----	----
FID998	L998	2003/10/06 12:00	6MB	0



Fig. 9

9/21

09/869420

FREE AREA MANAGEMENT INFORMATION

RECORDING AREA	RECORDING CAPACITY	RECORDED CAPACITY	FREE CAPACITY
AID1	80GB	70GB	10GB
AID2	10GB	10GB	0GB
AID3	10GB	5GB	5GB

Fig. 10

RECORDING FILE MANAGEMENT INFORMATION

RECORDING AREA = AID1 (VIDEO DATA)				
FILE	RECORDING AREA INFORMATION	RECORDING START TIME	FILE SIZE	NUMBER OF VIEWING
FID5	L5	2000/10/02 17:00	10GB	0
FID9	L9	2002/06/03 21:00	30GB	0
FID1000	L1000	2003/11/07 12:00	30GB	0

RECORDING AREA = AID2 (AUDIO DATA)				
FILE	RECORDING AREA INFORMATION	RECORDING START TIME	FILE SIZE	NUMBER OF VIEWING
FID7	L7	2000/10/06 12:00	6MB	0
----	----	----	----	----
FID999	L999	2003/11/06 12:00	6MB	0
FID1001	L1001	2003/11/07 13:00	9MB	0

RECORDING AREA = AID3 (STILL IMAGE DATA)				
FILE	RECORDING AREA INFORMATION	RECORDING START TIME	FILE SIZE	NUMBER OF VIEWING
FID1	L1	2000/01/02 17:00	1MB	3
FID2	L2	2000/05/03 13:00	0.5MB	2
FID3	L3	2000/06/03 21:00	1MB	0
----	----	----	----	----
FID998	L998	2003/10/06 12:00	6MB	0

RECORDING AREA	RECORDING CAPACITY	RECORDED CAPACITY	FREE CAPACITY
AID1	80GB	60GB	20GB
AID2	10GB	10GB	0GB
AID3	10GB	5GB	5GB

Fig. 12

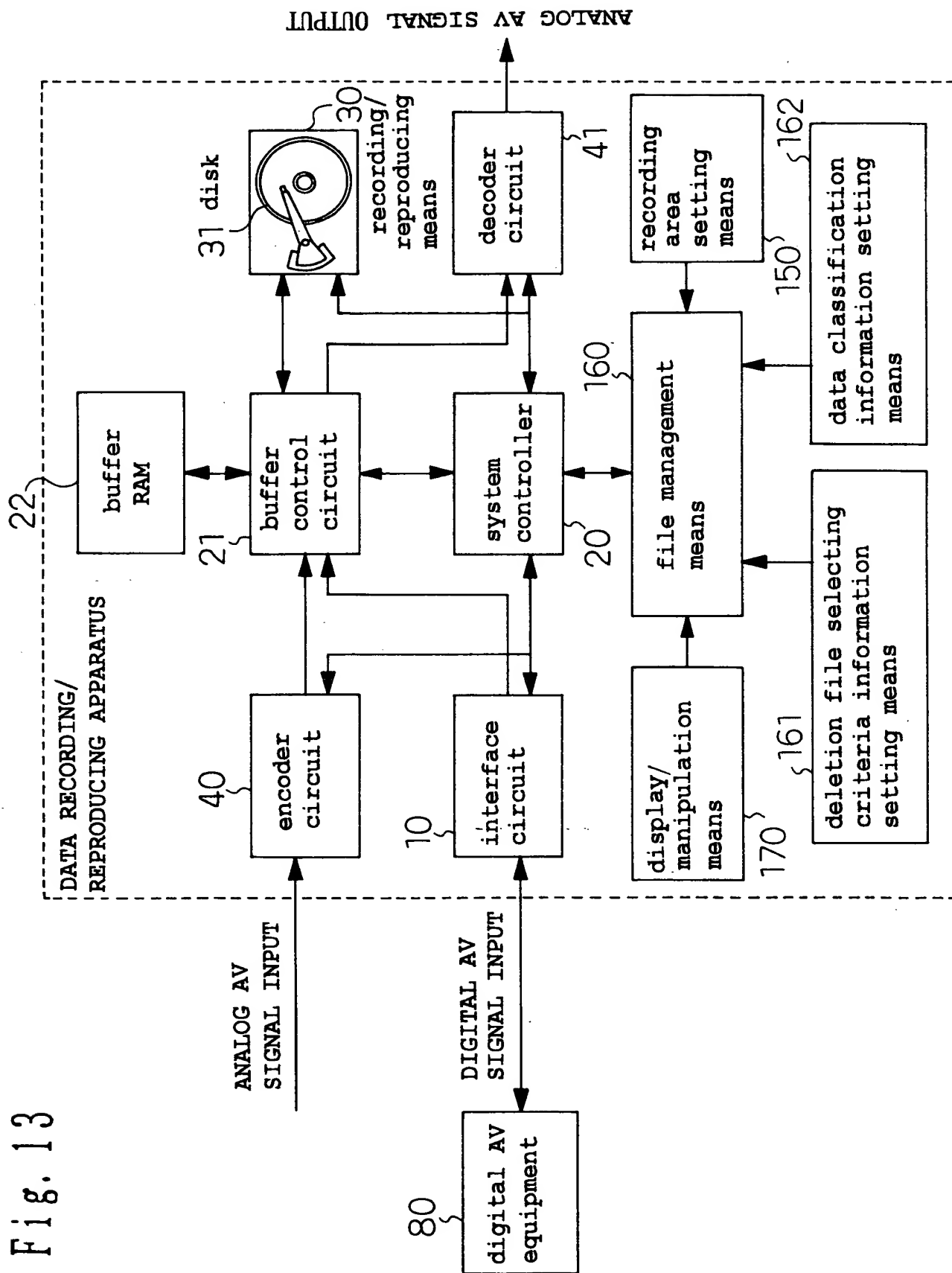
## RECORDING FILE MANAGEMENT INFORMATION

RECORDING AREA = AID1 (VIDEO DATA)				
FILE	RECORDING AREA INFORMATION	RECORDING START TIME	FILE SIZE	NUMBER OF VIEWING
FID1000	L1000	2003/11/07 12:00	30GB	0
FID1002	L1002	2003/11/07 14:00	30GB	0

RECORDING AREA = AID2 (AUDIO DATA)				
FILE	RECORDING AREA INFORMATION	RECORDING START TIME	FILE SIZE	NUMBER OF VIEWING
FID7	L7	2000/10/06 12:00	6MB	0
----	----	----	----	----
FID999	L999	2003/11/06 12:00	6MB	0
FID1001	L1001	2003/11/07 13:00	9MB	0

RECORDING AREA = AID3 (STILL IMAGE DATA)				
FILE	RECORDING AREA INFORMATION	RECORDING START TIME	FILE SIZE	NUMBER OF VIEWING
FID1	L1	2000/01/02 17:00	1MB	3
FID2	L2	2000/05/03 13:00	0.5MB	2
FID3	L3	2000/06/03 21:00	1MB	0
----	----	----	----	----
FID998	L998	2003/10/06 12:00	6MB	0

Fig. 13



view data of each data point in  
the data set from the start of  
the data set to the end of the  
data set

Fig. 14

DATA CLASSIFICATION INFORMATION

RECORDING AREA	DATA CLASSIFICATION	DETAILED DATA CLASSIFICATION
AID1	AUDIO DATA	RECORDING DATE
AID2	VIDEO DATA	NUMBER OF VIEWING

14/21

DELETION FILE SELECTING CRITERIA INFORMATION

RECORDING AREA	DELETION FILE SELECTING CRITERIA
AID1	RECORDING TIME AND DETAILED DATA CLASSIFICATION
AID2	NUMBER OF VIEWING AND DETAILED DATA CLASSIFICATION

09/869420

Fig. 15

## FREE AREA MANAGEMENT INFORMATION

RECORDING AREA	RECORDING CAPACITY	RECORDED CAPACITY	FREE CAPACITY
AID1	20GB	20GB	0GB
AID2	80GB	78GB	2GB

## RECORDING FILE MANAGEMENT INFORMATION

RECORDING AREA = AID 1 (AUDIO DATA)

FILE	RECORDING AREA INFORMATION	RECORDING START TIME	FILE SIZE	NUMBER OF VIEWING	GROUP
FID1	L1	2000/01/02 12:00	4MB	0	GID1
FID2	L2	2000/01/02 12:04	5MB	0	GID1
FID3	L3	2000/01/02 12:09	4MB	1	GID1
FID4	L4	2000/03/20 07:00	2MB	0	GID2
FID5	L5	2000/03/20 07:02	3MB	3	GID2
----	----	----	----	----	----
FID999	L999	2003/11/06 12:00	6MB	0	GID99

DELETE CANDIDATE

RECORDING AREA = AID1 (VIDEO DATA)

FILE	RECORDING AREA INFORMATION	RECORDING START TIME	FILE SIZE	NUMBER OF VIEWING	GROUP
FID6	L6	2000/03/20 07:00	2GB	2	GID3
FID7	L7	2000/03/27 07:00	2GB	2	GID3
----	----	----	----	----	----
FID998	L998	2003/10/06 12:00	6GB	1	GID100

# Fig. 16

## FREE AREA MANAGEMENT INFORMATION

RECORDING AREA	RECORDING CAPACITY	RECORDED CAPACITY	FREE CAPACITY
AID1	20GB	20GB	0GB
AID2	80GB	78GB	2GB

## RECORDING FILE MANAGEMENT INFORMATION

RECORDING AREA = AID 1 (AUDIO DATA)					
FILE	RECORDING AREA INFORMATION	RECORDING START TIME	FILE SIZE	NUMBER OF VIEWING	GROUP
FID4	L4	2000/03/20 07:00	2MB	0	GID2
FID5	L5	2000/03/20 07:02	3MB	3	GID2
----	----	----	----	----	----
FID999	L999	2003/11/06 12:00	6MB	0	GID99
FID1000	L1000	2003/11/06 13:00	13MB	0	GID99

RECORDING AREA = AID1 (VIDEO DATA)					
FILE	RECORDING AREA INFORMATION	RECORDING START TIME	FILE SIZE	NUMBER OF VIEWING	GROUP
FID6	L6	2000/03/20 07:00	2GB	2	GID3
FID7	L7	2000/03/27 07:00	2GB	2	GID3
----	----	----	----	----	----
FID998	L998	2003/10/06 12:00	6GB	1	GID100

DELETE CANDIDATE



17/21

Fig. 17

## FREE AREA MANAGEMENT INFORMATION

RECORDING AREA	RECORDING CAPACITY	RECORDED CAPACITY	FREE CAPACITY
AID1	20GB	20GB	0GB
AID2	80GB	79GB	1GB

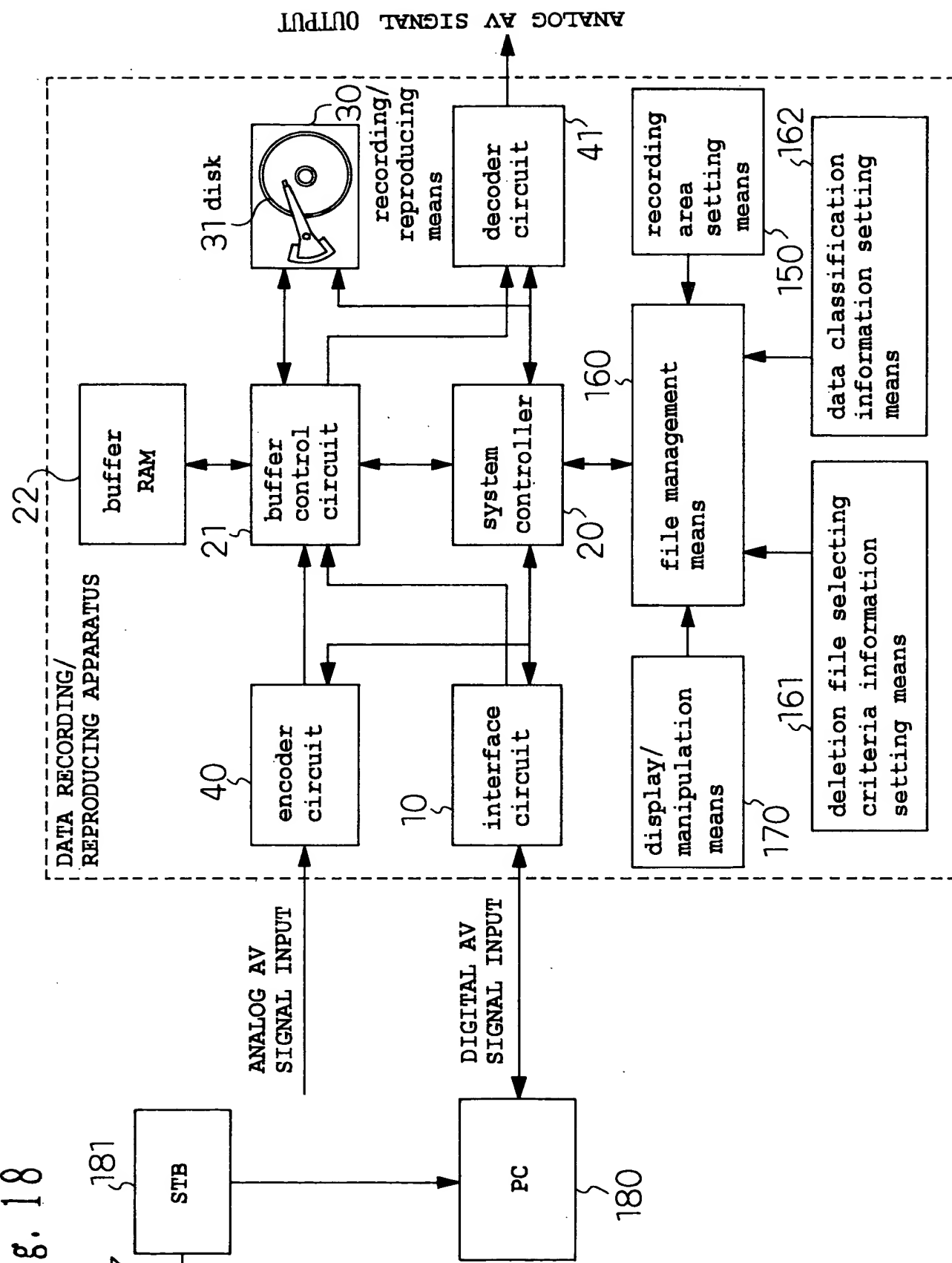
## RECORDING FILE MANAGEMENT INFORMATION

RECORDING AREA = AID 1 (AUDIO DATA)					
FILE	RECORDING AREA INFORMATION	RECORDING START TIME	FILE SIZE	NUMBER OF VIEWING	GROUP
FID4	L4	2000/03/20 07:00	2MB	0	GID2
FID5	L5	2000/03/20 07:02	3MB	3	GID2
----	----	----	----	----	----
FID999	L999	2003/11/06 12:00	6MB	0	GID99
FID1000	L1000	2003/11/06 13:00	13MB	0	GID99

RECORDING AREA = AID1 (VIDEO DATA)					
FILE	RECORDING AREA INFORMATION	RECORDING START TIME	FILE SIZE	NUMBER OF VIEWING	GROUP
----	----	----	----	----	----
FID998	L998	2003/10/06 12:00	6GB	1	GID100
FID1001	L1001	2003/11/06 14:00	5MB	0	GID4

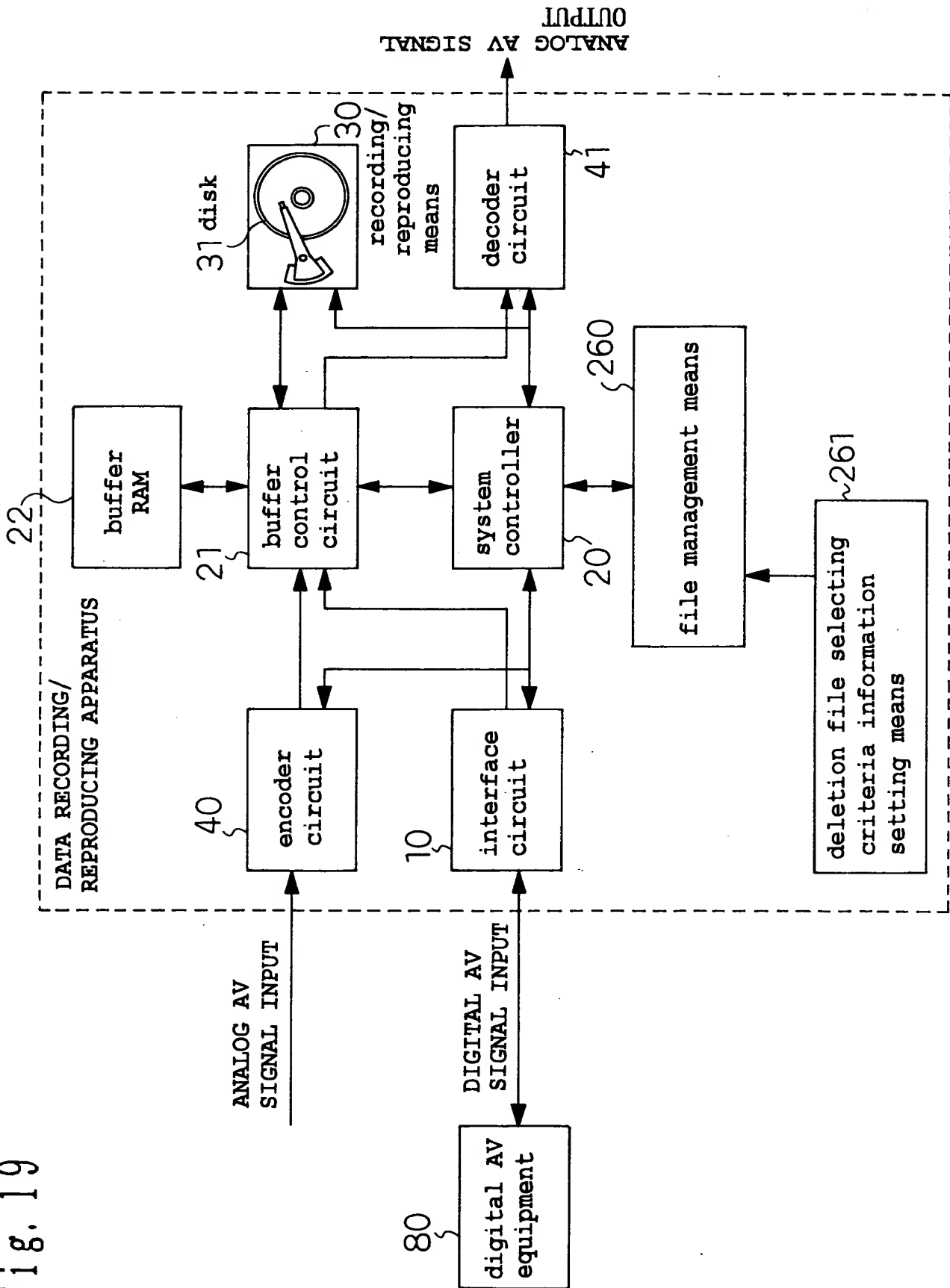
18/21

Fig. 18



19/21

Fig. 19



20/21

← DELETE  
CANDIDATE

Fig. 20

## FREE AREA MANAGEMENT INFORMATION

RECORDING CAPACITY	RECORDED CAPACITY	FREE CAPACITY
100GB	98GB	2GB

## RECORDING FILE MANAGEMENT INFORMATION

FILE	RECORDING AREA INFORMATION	RECORDING START TIME	FILE SIZE	NUMBER OF VIEWING
FID1	L1	2000/01/02 12:00	4GB	6
FID2	L2	2000/01/02 12:04	5MB	0
FID3	L3	2000/01/02 12:09	4MB	1
FID4	L4	2000/03/20 07:00	8GB	0
FID5	L5	2000/03/20 07:02	3MB	3
----	----	----	----	----
FID999	L999	2003/11/06 12:00	6GB	0

Fig. 21

FREE AREA MANAGEMENT INFORMATION

RECORDING CAPACITY	RECORDED CAPACITY	FREE CAPACITY
100GB	99GB	1GB

RECORDING FILE MANAGEMENT INFORMATION

FILE	RECORDING AREA INFORMATION	RECORDING START TIME	FILE SIZE	NUMBER OF VIEWING
FID2	L2	2000/01/02 12:04	5MB	0
FID3	L3	2000/01/02 12:09	4MB	1
FID4	L4	2000/03/20 07:00	8GB	0
FID5	L5	2000/03/20 07:02	3MB	3
----	----	----	----	----
FID999	L999	2003/11/06 12:00	6GB	0
FID1000	L1000	2000/11/06 12:30	5GB	0